

### ***ABSTRACT***

A system (10) for measuring a diameter of a limbus of an eye (12). An image recorder (14) is at a known location apart from the eye and records an illuminated limbus image. An illumination source (16) at a known location relative to the image recorder (14) illuminates the limbus. A computer device (18) connected to the image recorder (14) determines the diameter of the limbus from the recorded illuminated limbus image.